Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

U. S. DEPARTMENT OF AGRICULTURE.
SECTION OF VEGETABLE PATHOLOGY.
QUARTERLY BULLETIN. JUNE, 1889.

Vol. 5. No. II.

THE

JOURNAL OF MYCOLOGY:

DEVOTED TO THE STUDY OF FUNGI,

ESPECIALLY IN THEIR RELATION TO PLANT DISEASES.

PREPARED, UNDER THE DIRECTION OF THE SECRETARY OF AGRICULTURE,
BY
B. T. GALLOWAY,
CHIEF OF THE SECTION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1889.

CONTENTS.

Page.

GLŒOSPORIUM NERVISEQUUM (Fckl.) Sacc. by Effie A. Southworth 51

CONTRIBUTIONS TO THE HISTORY OF THE DEVELOPMENT OF THE PYRENOMYCETES, Parts I and II (Plate IX), by Franz von Tavel 53

NORTH AMERICAN AGARICS—GENUS RUSSULA, Part I, by Robert K. Macadam 58

NEW WESTERN FUNGI, by J. B. Ellis and B. T. Galloway 65

NEW SPECIES OF HYPHOMYCETOUS FUNGI, by J. B. Ellis and Benjamin M. Everhart 68

NEW SPECIES OF FUNGI, by W. A. Kellerman and W. T. Swingle 72

NOTES ON NEW OR RARE FUNGI FROM WESTERN NEW YORK, by Charles E. Fairman 78

NOTES ON THE FUNGI OF HELENA, MONTANA, by Rev. F. D. Kelsey 80

SUPPLEMENTARY NOTES, by F. W. Anderson 82

SOME FUNGI OF CUSTER COUNTY, COLORADO, by T. D. A. Cockerell 84

NOTES UPON SPHÆROTHECA PHYTOPTOPHILA K. & S., by B. D. Halsted 85

SMUT FUNGI, by H. Marshall Ward 87

MUCRONOPORUS (E. & E.), by J. B. Ellis and Benjamin M. Everhart 90

NOTES by B. T. Galloway 92

Ascospores of the Black-rot Fungus as affected by covering with earth. The Grape Leaf Blight.—Kansas Fungi.—The Ash Leaf Rust (Æcidium fraxini).—Treatment of Grape Mildew made obligatory.—Diorchidium Tracyi, De Toni.—A new Modification of the Vermorel Nozzle.

REVIEWS OF RECENT LITERATURE 97

Untersuchungen aus dem Gesammtgebiete der Mykologie (Oscar Brefeld).—On the life history of Macrosporium parasiticum, Thüm. (Kingo Miyabe).—Ueber einige neue oder bemerkenswerthe Uredineen (G. Lagerheim).—A Monograph of the British Uredineæ and Ustilagineæ (Charles B. Plowright).—Maladie des Feuilles des Pommiers et Chatagniers en 1888 (M. Prillieux).—Die Bekampfung der Pilzkrankheiten unserer Culturgewachse (Felix von Thümen).

DESCRIPTION OF PLATES 111